

Table 1. CFC Blank Corrections and Precision

Line	Blank corrections applied as pmol kg ⁻¹		Average s.d. of duplicates for concentrations (# of duplicates)	
	CFC-11	CFC-12	CFC-11	CFC-12
I1	0.004	0.002	0.9% (27)	0.7% (27)
I2	0.002	0.000	1.0% (17)	1.0% (117)
I3	0.003	-0.002 ^b after 21 May-0.005 ^b	0.4% (48)	0.5% (50)
I4/I5W	0.011	0.008	>0.1 pmol kg ⁻¹ 1.1% (31)	1.0% (30)
			<0.1 pmol kg ⁻¹ 11.5% (3)	9.1% (4)
I6S	0.0	0.0	>0.1 pmol kg ^{-1a} 1.9% (48)	2.6% (48)
			<0.1 pmol kg ⁻¹ 0.016 (7)	0.024 (40)
I7	0.002	0.001	>0.1 pmol kg ⁻¹ 0.9% (31)	1.6% (24)
			<0.01 pmol kg ⁻¹ 2.9% (3)	3.2% (10)
I8N/I5E (Miami, except S#333-346)	0.003-0.005	0.001 - 0.002	<0.1 pmol kg ^{-1a} 0.002 (24)	0.002 (40)
			>0.1 pmol kg ⁻¹ 1.1% (63)	1.6% (47)
(LDEO S#333-346) ^c	0.059	0.003	<0.1 pmol kg ^{-1a} 0.019 (4)	0.003 (12)
			>0.1 pmol kg ⁻¹ 7.4% (14)	2.5% (11)
I8S/I9S	0.0	0.0	1.0% (117)	1.0% (117)
I9N	0.003	0.002	>0.1 pmol kg ⁻¹	

			1.0% (36)	1.2% (35)
			<0.1 pmol kg ⁻¹	
			0.5% (2)	1.8% (3)
I10	0.002	0.001	>0.1 pmol kg ⁻¹	
			0.4% (11)	0.8% (11)
			<0.1 pmol kg ⁻¹	
			3.4% (5)	7.0% (6)
S4I^d				
system 1			>0.1 pmol kg ⁻¹	
			1.3% (20)	2.4% (20)
			<0.1 pmol kg ⁻¹	
			no data	5.2% (1)
system 2			>0.1 pmol kg ⁻¹	
			1.8% (11)	4.6% (5)
			<0.1 pmol kg ⁻¹	
			no data	16.2% (6)

S# is station number; s.d. is standard deviation.

Seawater blank corrections are estimated where possible based upon deep waters where concentrations are believed to be CFC-free.

^a Precision for concentrations < 0.1 pmol kg⁻¹ given in pmol kg⁻¹ where indicated.

^b The negative blank appears when integrating peak area on a curved baseline, with CFC-12 on the tailing N₂O peak. A portion of the peak was cut off by drawing a straight line on the curved tailing baseline. Thus, when the blanks are integrated, the result was negative peak areas.

^c For I8N/I5E both the University of Miami and LDEO analytical systems are used.

Data from the LDEO system are used only for stations 333-346 when the Miami system was down. The LDEO system was set up to measure CCl₄, and not optimized for analysis of CFC-11 and CFC-12.

^d For S4I two analytical systems were used. The second system was set up to measure CCl₄, and not optimized for analysis of CFC-11 and CFC-12.